

WHAT IS CLAIMED IS:

1. A socket replaceable ratchet wrench comprising:

a base body having a head portion and a handle portion, the head portion being provided with a receiving hole and a chamber in communicating with the receiving hole;

a pair of pawls each provided at an end with an engaging portion, the two pawls received in the chamber of the base body and each portion capable of timely protruding in the receiving hole of the base body of the wrench;

a control rod having a pushing portion defined at an end, which received in the chamber of the base body and located between the two pawls with the pushing portion protruding out of the base body, the pushing portion being able to return to the original position after being pushed;

a force block having a conical surface and fixed to the control rod, the conical surface corresponding to the sides of the two pawls;

an oscillating piece fixed to the control rod and the periphery of which contacting the corresponding surfaces of the two pawls;

a socket provided at both ends with a different sized receiving hole respectively, at the periphery of which a plurality of teeth being defined, the socket removably received in the receiving hole of the base body with the teeth engaging with the engaging portions of the two pawls;

by such a manner, the conical surface of the force block effecting synchronous movement of the two pawls whereby force the two pawls to disengage from the teeth of the socket, thus enabling the replacement of sockets for different sizes.

2. The socket replaceable ratchet wrench as claimed in claim 1, wherein resilient ring is disposed on the inner wall of the receiving hole

of the base body, while the socket is provided with an annular groove with corresponding to the resilient ring, whereby to enforce the stability of engagement between the base body and the socket.

3. The socket replaceable ratchet wrench as claimed in claim 1 further comprising a resilient member biased between the pushing portion of the control rod and the base body for enabling the pushing portion to return to original position automatically.

4. The socket replaceable ratchet wrench as claimed in claim 3, wherein the resilient member is a spring.

5. The socket replaceable ratchet wrench as claimed in claim 1 further comprising a turning member disposed on the pushing portion of the control rod which effects synchronous movement of the oscillating piece.

6. The socket replaceable ratchet wrench as claimed in claim 1 further comprising a slot defined in the handle portion of the base body and in which a triple-section ratchet is received.

7. The socket replaceable ratchet wrench as claimed in claim 6, wherein the triple-section ratchet includes a central rod, a pair of blocks, a control ring and a cap, the control rod defining a gap at both sides thereof for the receipt of the two blocks respectively, while taking advantage of the control ring to control the oscillating angle of the two blocks for enabling the ratchet to revolve clockwise, counterclockwise or bi-directional stoppage.